

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE


[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)
**IEEE Xplore®**  
RELEASE 1.6

 Welcome  
United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)
» [Se](#)

## Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

## Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

## Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

## Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

 Your search matched **13** of **990987** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

## Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.


☐ Check to search within this result set

## Results Key:

**JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard

**1 Experimental study of the surface waves on a dielectric cylinder via terahertz impulse radar ranging**
*McGowan, R.W.; Cheville, R.A.; Grischkowsky, D.R.;*

 Microwave Theory and Techniques, IEEE Transactions on , Volume: 48 , Issue: 3 , March 2000  
Pages:417 - 422

[\[Abstract\]](#)   [\[PDF Full-Text \(176 KB\)\]](#)   IEEE JNL

**2 Long-wavelength ( $\lambda=10\ \mu\text{m}$ ) quadrupolar-shaped GaAs-AlGaAs microlasers**
*Gianordoli, S.; Hvozdar, L.; Strasser, G.; Schrenk, W.; Faist, J.; Gornik, E.;*  
Quantum Electronics, IEEE Journal of , Volume: 36 , Issue: 4 , April 2000  
Pages:458 - 464

[\[Abstract\]](#)   [\[PDF Full-Text \(260 KB\)\]](#)   IEEE JNL

**3 Theory and experiments on birefringent optical fibers embedded in concrete structures**
*Calero, J.; Sou-Pan Wu; Pope, C.; Shun Lien Chuang; Murtha, J.P.;*  
Lightwave Technology, Journal of , Volume: 12 , Issue: 6 , June 1994  
Pages:1081 - 1091

[\[Abstract\]](#)   [\[PDF Full-Text \(984 KB\)\]](#)   IEEE JNL

**4 Ionization-induced generation of strong Langmuir waves by high-intensity Bessel beam**
*Gildenburg, V.B.; Vvedenskii, N.V.;*  
Plasma Science, 2003. ICOPS 2003. IEEE Conference Record - Abstracts. The International Conference on , 2-5 June 2003

Pages:366

[\[Abstract\]](#) [\[PDF Full-Text \(188 KB\)\]](#) IEEE CNF

**5 Transport experiments of a 2.2 GeV gold ion beam in a plasma channel at the GSI-UNILAC facility**

*Penache, D.; Niemann, C.; Tauschwitz, A.; Presura, R.; Knobloch, R.; Neff, S. M.G.; Hoffmann, D.H.H.; Penache, C.; Roth, M.; Wahl, H.;*

Pulsed Power Plasma Science, 2001. IEEE Conference Record - Abstracts , 17 June 2001

Pages:404

[\[Abstract\]](#) [\[PDF Full-Text \(72 KB\)\]](#) IEEE CNF

**6 Optimization of the cavity geometry in tunable optical parametric oscillators based on cylindrical crystals**

*Feve, J.P.; Pacaud, O.; Boulanger, B.; Menaert, B.;*

Lasers and Electro-Optics, 2001. CLEO '01. Technical Digest. Summaries of papers presented at the Conference on , 6-11 May 2001

Pages:534 - 536

[\[Abstract\]](#) [\[PDF Full-Text \(328 KB\)\]](#) IEEE CNF

**7 Unstable laser resonators with helical mirrors**

*Sherstobitov, V.E.; Rodionov, V.Yu.;*

Lasers and Electro-Optics Europe, 2000. Conference Digest. 2000 Conference on , 10-15 Sept 2000

Pages:1 pp.

[\[Abstract\]](#) [\[PDF Full-Text \(108 KB\)\]](#) IEEE CNF

**8 Modeling of partially end-pumped Nd:YAG slab laser**

*Schmidt, G.; Gieseke, J.; Schnitzler, C.; Mans, T.; Wester, R.; Du, K.-M.; Lopez, P.; Poprawe, R.;*

Lasers and Electro-Optics, 2000. (CLEO 2000). Conference on , 7-12 May 2000

Pages:52 - 53

[\[Abstract\]](#) [\[PDF Full-Text \(180 KB\)\]](#) IEEE CNF

**9 Using corrugated fins to decrease the beamwidth of the radiation pattern from a Vlasov launcher**

*Sealy, P.J.; Lorbeck, J.A.; Vernon, R.J.;*

Plasma Science, 1995. IEEE Conference Record - Abstracts., 1995 IEEE International Conference on , 5-8 June 1995

Pages:241

[\[Abstract\]](#) [\[PDF Full-Text \(92 KB\)\]](#) IEEE CNF

**10 Dependence of optical diffraction on image quality in image processing and noise**

*Chang, J.; Graber, H.L.; Barbour, R.L.;*

Nuclear Science Symposium and Medical Imaging Conference Record, 1995., IEEE , Volume: 3 , 21-28 Oct. 1995

Pages:1524 - 1528 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(492 KB\)\]](#) [IEEE CNF](#)

---

**11 Characteristics of optically coupled dielectric resonators with lig injection hole**

*Rong, A.S.; Sun, Z.L.;*

Antennas and Propagation Society International Symposium, 1993. AP-S. Digest , 28 June-2 July 1993

Pages:1512 - 1515 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(152 KB\)\]](#) [IEEE CNF](#)

---

**12 Radiation of an off-axis point source in a cylindrical medium with a arbitrary number of layers in radial and axial directions**

*Liu, Q.-H.;*

Antennas and Propagation Society International Symposium, 1992. AP-S. 199 Digest. Held in Conjunction with: URSI Radio Science Meeting and Nuclear EMF Meeting., IEEE , 18-25 July 1992

Pages:2321 - 2324 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(164 KB\)\]](#) [IEEE CNF](#)

---

**13 Phased diode arrays for velocity measurements and signal process**

*Dopheide, D.; Strunck, V.; Faber, M.;*

Instrumentation in Aerospace Simulation Facilities, 1989. ICIASF '89 Record., International Congress on , 18-21 Sept. 1989

Pages:12 - 18

[\[Abstract\]](#) [\[PDF Full-Text \(280 KB\)\]](#) [IEEE CNF](#)

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

**IEEE Xplore®**  
 RELEASE 1.6

 Welcome  
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)
» [Se](#)

## Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

## Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

## Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

## Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

 Your search matched **174** of **990987** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

## Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.


☐ Check to search within this result set

## Results Key:

**JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard

**1 Development and application of three-dimensional light distribution model for laser irradiated tissue**
*Yoon, G.; Welch, A.; Motamedi, M.; Gemert, M.v.;*

Quantum Electronics, IEEE Journal of , Volume: 23 , Issue: 10 , Oct 1987

Pages:1721 - 1733

[\[Abstract\]](#)   [\[PDF Full-Text \(4024 KB\)\]](#)   **IEEE JNL**
**2 Phase variation in free-electron laser amplifiers**
*Freund, H.; Ganguly, A.;*

Quantum Electronics, IEEE Journal of , Volume: 23 , Issue: 9 , Sep 1987

Pages:1657 - 1665

[\[Abstract\]](#)   [\[PDF Full-Text \(2536 KB\)\]](#)   **IEEE JNL**
**3 9.4--An investigation of laser wave depolarization due to atmospheric transmission**
*Saleh, A.;*

Quantum Electronics, IEEE Journal of , Volume: 3 , Issue: 11 , Nov 1967

Pages:540 - 543

[\[Abstract\]](#)   [\[PDF Full-Text \(1360 KB\)\]](#)   **IEEE JNL**
**4 Active shielding suitable for electron-beam lithography systems**
*Yamazaki, K.; Kato, K.; Ashiho, K.; Uda, T.; Fujiwara, K.; Takahashi, N.; Hag Sato, T.; Uegaki, J.; Sakuma, Y.;*

Magnetics, IEEE Transactions on , Volume: 39 , Issue: 5 , Sept. 2003

Pages:3229 - 3231

[\[Abstract\]](#)   [\[PDF Full-Text \(748 KB\)\]](#)   **IEEE JNL**

**5 Three-dimensional modeling of a surface type alternating current plasma display panel cell: the effect of cell geometry on the discharge characteristics**

Woo Joon Chung; Jeong Hyun Seo; Dong-Cheol Jeong; Ki-Woong Whang;  
Plasma Science, IEEE Transactions on , Volume: 31 , Issue: 5 , Oct. 2003  
Pages:1023 - 1031

[\[Abstract\]](#) [\[PDF Full-Text \(712 KB\)\]](#) IEEE JNL

---

**6 3-D acquisition and quantitative measurements of anatomical parts optical scanning and image reconstruction from unorganized range data**

Tognola, G.; Parazzini, M.; Ravazzani, P.; Grandori, F.; Svelto, C.;  
Instrumentation and Measurement, IEEE Transactions on , Volume: 52 , Issue: 5 , Oct. 2003  
Pages:1665 - 1673

[\[Abstract\]](#) [\[PDF Full-Text \(786 KB\)\]](#) IEEE JNL

---

**7 Heat transfer and residual stress modeling of a diamond film heat sink for high power laser diodes**

Labudovic, M.; Burka, M.;  
Components and Packaging Technologies, IEEE Transactions on [see also Components, Packaging and Manufacturing Technology, Part A: Packaging Technologies, IEEE Transactions on] , Volume: 26 , Issue: 3 , Sept. 2003  
Pages:575 - 581

[\[Abstract\]](#) [\[PDF Full-Text \(3272 KB\)\]](#) IEEE JNL

---

**8 A progressive morphological filter for removing nonground measurements from airborne LIDAR data**

Keqi Zhang; Shu-Ching Chen; Whitman, D.; Mei-Ling Shyu; Jianhua Yan; Chen Zhang;  
Geoscience and Remote Sensing, IEEE Transactions on , Volume: 41 , Issue: 4 , April 2003  
Pages:872 - 882

[\[Abstract\]](#) [\[PDF Full-Text \(3954 KB\)\]](#) IEEE JNL

---

**9 3-D optical and electrical simulation for CMOS image sensors**

Mutoh, H.;  
Electron Devices, IEEE Transactions on , Volume: 50 , Issue: 1 , Jan. 2003  
Pages:19 - 25

[\[Abstract\]](#) [\[PDF Full-Text \(646 KB\)\]](#) IEEE JNL

---

**10 The MICHELLE three-dimensional electron gun and collector model tool: theory and design**

Petillo, J.; Eppley, K.; Panagos, D.; Blanchard, P.; Nelson, E.; Dionne, N.; De J.; Held, B.; Chernyakova, L.; Krueger, W.; Humphries, S.; McClure, T.; Monahan, A.; Burdette, J.; Cattelino, M.; True, R.; Nguyen, K.T.; Levush, B.;  
Plasma Science, IEEE Transactions on , Volume: 30 , Issue: 3 , June 2002  
Pages:1238 - 1264

[\[Abstract\]](#) [\[PDF Full-Text \(2117 KB\)\]](#) [IEEE JNL](#)

---

**11 Urban object reconstruction using airborne laser elevation image and aerial image**

*Fujii, K.; Arikawa, T.;*

Geoscience and Remote Sensing, IEEE Transactions on , Volume: 40 , Issue: 10 , Oct 2002

Pages:2234 - 2240

[\[Abstract\]](#) [\[PDF Full-Text \(2499 KB\)\]](#) [IEEE JNL](#)

---

**12 An effective and accurate method for the design of directional couplers**

*Qian Wang; Sailing He; Fangrong Chen;*

Selected Topics in Quantum Electronics, IEEE Journal on , Volume: 8 , Issue: 6 , Nov.-Dec. 2002

Pages:1233 - 1238

[\[Abstract\]](#) [\[PDF Full-Text \(296 KB\)\]](#) [IEEE JNL](#)

---

**13 3-D shape recovery of planar and curved surfaces from shading cues in underwater images**

*Shaomin Zhang; Negahdaripour, S.;*

Oceanic Engineering, IEEE Journal of , Volume: 27 , Issue: 1 , Jan. 2002

Pages:100 - 116

[\[Abstract\]](#) [\[PDF Full-Text \(908 KB\)\]](#) [IEEE JNL](#)

---

**14 Quantifying spatial localization of optical mapping using Monte Carlo simulations**

*Lei Ding; Splinter, R.; Knisley, S.B.;*

Biomedical Engineering, IEEE Transactions on , Volume: 48 , Issue: 10 , Oct.

Pages:1098 - 1107

[\[Abstract\]](#) [\[PDF Full-Text \(176 KB\)\]](#) [IEEE JNL](#)

---

**15 Complete 3-D reconstruction of dental cast shape using perceptual grouping**

*Hirogaki, Y.; Sohmura, T.; Satoh, H.; Takahashi, J.; Takada, K.;*

Medical Imaging, IEEE Transactions on , Volume: 20 , Issue: 10 , Oct. 2001

Pages:1093 - 1101

[\[Abstract\]](#) [\[PDF Full-Text \(360 KB\)\]](#) [IEEE JNL](#)

---

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [Next](#)

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

**IEEE Xplore®**  
RELEASE 1.6Welcome  
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)[Quick Links](#)» [Se](#)**Welcome to IEEE Xplore®**

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

**Tables of Contents**

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

**Search**

- ☐ By Author
- ☐ Basic
- ☐ Advanced

**Member Services**

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☒ Access the IEEE Member Digital Library

Your search matched **7** of **990987** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard**1 Optimization of the cavity geometry in tunable optical parametric oscillators based on cylindrical crystals***Feve, J.P.; Pacaud, O.; Boulanger, B.; Menaert, B.;*Lasers and Electro-Optics, 2001. CLEO '01. Technical Digest. Summaries of papers presented at the Conference on , 6-11 May 2001  
Pages:534 - 536[\[Abstract\]](#)[\[PDF Full-Text \(328 KB\)\]](#)**IEEE CNF****2 Using corrugated fins to decrease the beamwidth of the radiation pattern from a Vlasov launcher***Sealy, P.J.; Lorbeck, J.A.; Vernon, R.J.;*Plasma Science, 1995. IEEE Conference Record - Abstracts., 1995 IEEE International Conference on , 5-8 June 1995  
Pages:241[\[Abstract\]](#)[\[PDF Full-Text \(92 KB\)\]](#)**IEEE CNF****3 Long-wavelength ( $\lambda=10\ \mu\text{m}$ ) quadrupolar-shaped GaAs-AlGaAs microlasers***Gianordoli, S.; Hvozdar, L.; Strasser, G.; Schrenk, W.; Faist, J.; Gornik, E.;*Quantum Electronics, IEEE Journal of , Volume: 36 , Issue: 4 , April 2000  
Pages:458 - 464[\[Abstract\]](#)[\[PDF Full-Text \(260 KB\)\]](#)**IEEE JNL****4 Ionization-induced generation of strong Langmuir waves by high-intensity Bessel beam***Gildenburg, V.B.; Vvedenskii, N.V.;*

Plasma Science, 2003. ICOPS 2003. IEEE Conference Record - Abstracts. The

International Conference on , 2-5 June 2003  
Pages:366

[\[Abstract\]](#) [\[PDF Full-Text \(188 KB\)\]](#) [IEEE CNF](#)

---

**5 Calculation of photoreceiver devices of laser measurement systems the R-function method**

*Kravchenko, N.I.; Sizova, N.D.;*

4thLaser and Fiber-Optical Networks Modeling, 2002. Proceedings of LFNM 20 International Workshop on , 3-5 June 2002

Pages:153 - 157

[\[Abstract\]](#) [\[PDF Full-Text \(771 KB\)\]](#) [IEEE CNF](#)

---

**6 Modeling of partially end-pumped Nd:YAG slab laser**

*Schmidt, G.; Gieseke, J.; Schnitzler, C.; Mans, T.; Wester, R.; Du, K.-M.; Lo P.; Poprawe, R.;*

Lasers and Electro-Optics, 2000. (CLEO 2000). Conference on , 7-12 May 2000

Pages:52 - 53

[\[Abstract\]](#) [\[PDF Full-Text \(180 KB\)\]](#) [IEEE CNF](#)

---

**7 Radiation of an off-axis point source in a cylindrical medium with an arbitrary number of layers in radial and axial directions**

*Liu, Q.-H.;*

Antennas and Propagation Society International Symposium, 1992. AP-S. 1992 Digest. Held in Conjunction with: URSI Radio Science Meeting and Nuclear EMF Meeting., IEEE , 18-25 July 1992

Pages:2321 - 2324 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(164 KB\)\]](#) [IEEE CNF](#)

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved



IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE


[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)
**IEEE Xplore®**  
 RELEASE 1.6

 Welcome  
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)
» [Se...](#)

## Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

## Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

## Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

## Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

 Your search matched **5** of **174** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.
**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.


☒ Check to search within this result set
**Results Key:**
**JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard
**1 Non-contact optical three dimensional liner metrology**
*Sebring, R.J.; Edwards, J.M.; Salazar, M.A.;*

Pulsed Power Plasma Science, 2001. IEEE Conference Record - Abstracts , 17 June 2001

Pages:414

[\[Abstract\]](#)
[\[PDF Full-Text \(58 KB\)\]](#)
**IEEE CNF**
**2 Three-dimensional analysis of light-beam scattering from pit and emboss marks of optical disk models**
*Kojima, T.; Wakabayashi, K.;*

Antennas and Propagation Society International Symposium, 1997. IEEE., 19 Digest , Volume: 2 , 13-18 July 1997

Pages:882 - 885 vol.2

[\[Abstract\]](#)
[\[PDF Full-Text \(140 KB\)\]](#)
**IEEE CNF**
**3 Phase variation in free-electron laser amplifiers**
*Freund, H.; Ganguly, A.;*

Quantum Electronics, IEEE Journal of , Volume: 23 , Issue: 9 , Sep 1987

Pages:1657 - 1665

[\[Abstract\]](#)
[\[PDF Full-Text \(2536 KB\)\]](#)
**IEEE JNL**
**4 High frequency scattering from trihedral corner reflectors and other benchmark targets: SBR versus experiment**
*Baldauf, J.; Lee, S.-W.; Lin, L.; Jeng, S.-K.; Scarborough, S.M.; Yu, C.L.;*

Antennas and Propagation, IEEE Transactions on , Volume: 39 , Issue: 9 , Sep 1991

Pages:1345 - 1351

[\[Abstract\]](#)   [\[PDF Full-Text \(572 KB\)\]](#)   IEEE JNL

---

**5 Def rmed glass micr sphere as a three-dimensi nal cha tic ptical  
micr res nat r**

*Lacey, S.; Hailin Wang;*

Quantum Electronics and Laser Science Conference, 2001. QELS '01. Technica  
Digest. Summaries of Papers Presented at the , 6-11 May 2001  
Pages:65

[\[Abstract\]](#)   [\[PDF Full-Text \(169 KB\)\]](#)   IEEE CNF

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) |  
[New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online](#)  
[Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE


[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)
**IEEE Xplore®**  
 RELEASE 1.6

 Welcome  
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

» Se.

## Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

## Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

## Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

## Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

 Your search matched **5** of **174** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.
**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.


☐ Check to search within this result set
**Results Key:**
**JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard
**1 Non-contact optical three dimensional liner metrology**
*Sebring, R.J.; Edwards, J.M.; Salazar, M.A.;*

Pulsed Power Plasma Science, 2001. IEEE Conference Record - Abstracts , 17 June 2001

Pages:414

[\[Abstract\]](#)
[\[PDF Full-Text \(58 KB\)\]](#)
**IEEE CNF**
**2 Three-dimensional analysis of light-beam scattering from pit and emboss marks of optical disk models**
*Kojima, T.; Wakabayashi, K.;*

Antennas and Propagation Society International Symposium, 1997. IEEE., 19 Digest , Volume: 2 , 13-18 July 1997

Pages:882 - 885 vol.2

[\[Abstract\]](#)
[\[PDF Full-Text \(140 KB\)\]](#)
**IEEE CNF**
**3 Phase variation in free-electron laser amplifiers**
*Freund, H.; Ganguly, A.;*

Quantum Electronics, IEEE Journal of , Volume: 23 , Issue: 9 , Sep 1987

Pages:1657 - 1665

[\[Abstract\]](#)
[\[PDF Full-Text \(2536 KB\)\]](#)
**IEEE JNL**
**4 High frequency scattering from trihedral corner reflectors and other benchmark targets: SBR versus experiment**
*Baldauf, J.; Lee, S.-W.; Lin, L.; Jeng, S.-K.; Scarborough, S.M.; Yu, C.L.;*

Antennas and Propagation, IEEE Transactions on , Volume: 39 , Issue: 9 , Sep 1991

Pages:1345 - 1351

[\[Abstract\]](#)   [\[PDF Full-Text \(572 KB\)\]](#)   IEEE JNL

---

**5 Def rmed glass microsphere as a three-dimensi nal chaotic ptical  
micr res nat r**

*Lacey, S.; Hailin Wang;*

Quantum Electronics and Laser Science Conference, 2001. QELS '01. Technica  
Digest. Summaries of Papers Presented at the , 6-11 May 2001  
Pages:65

[\[Abstract\]](#)   [\[PDF Full-Text \(169 KB\)\]](#)   IEEE CNF

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) |  
[New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online](#)  
[Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☒ The Guide

cylind\* optic\* axis (model\* OR simulat\* OR emulat\*)

SEARCH

THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

 Terms used **cylind optic axis model** OR **simulat** OR **emulat**

 Found **5,395** of **125,779**

Sort results by

relevance

Display results

expanded form

Save results to a Binder

Search Tips

☐ Open results in a new window

 Try an [Advanced Search](#)

 Try this search in [The ACM Guide](#)

Results 1 - 20 of 200

 Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

 Relevance scale ☐ ☐ ☐ ☐ ☐

### 1 [Light scattering from human hair fibers](#)

 Stephen R. Marschner, Henrik Wann Jensen, Mike Cammarano, Steve Worley, Pat Hanrahan  
 July 2003 **ACM Transactions on Graphics (TOG)**, Volume 22 Issue 3

 Full text available: pdf(15.64 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Light scattering from hair is normally simulated in computer graphics using Kajiya and Kay's classic phenomenological model. We have made new measurements of scattering from individual hair fibers that exhibit visually significant effects not predicted by Kajiya and Kay's model. Our measurements go beyond previous hair measurements by examining out-of-plane scattering, and together with this previous work they show a multiple specular highlight and variation in scattering with rotation about the ...

**Keywords:** fibers, hair, optical scattering, rendering

### 2 [Vision and the graphical simulation of spatial structure](#)

W. A. van de Grind

 January 1987 **Proceedings of the 1986 workshop on Interactive 3D graphics**

 Full text available: pdf(3.51 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

One important message of this paper is that vision research is highly relevant to 3D graphics technology and that modern electronic graphical systems can and soon will strongly stimulate the further development of vision science. First an outline is given of ecological optics, the discipline trying to describe the visual information available to an active (mobile, structure-seeking) observer. Whereas ecological optics describes the available visual structure, the observables, psychophysics ...

### 3 [Three-dimensional object recognition](#)

Paul J. Besl, Ramesh C. Jain

 March 1985 **ACM Computing Surveys (CSUR)**, Volume 17 Issue 1

 Full text available: pdf(7.76 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)


A general-purpose computer vision system must be capable of recognizing three-dimensional (3-D) objects. This paper proposes a precise definition of the 3-D object recognition problem, discusses basic concepts associated with this problem, and reviews the relevant literature. Because range images (or depth maps) are often used as sensor input instead of intensity images, techniques for obtaining, processing, and characterizing range

data are also surveyed.

4 WebTOP: 3D interactive optics on the Web

Kiril Vidimče, John T. Foley, David C. Banks, Yong-Tze Chi, Taha Mzoughi

February 2000 **Proceedings of the fifth symposium on Virtual reality modeling language (Web3D-VRML)**

Full text available:  pdf(1.23 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The Optics Project (TOP) is a 3D interactive computer graphics system that visualizes optical phenomena. The primary motivation for creating TOP was to develop a tool to help undergraduate students learn optics. WebTOP is a Web-based version of the system that encompasses a physical simulation, an overview of the theory involved, a showcase of examples, and a set of suggested exercises. The actual simulation is implemented using VRML, Java, and the External Authoring Interface, and runs und ...

**Keywords:** EAI, Java, VRML, computer graphics, education, optics, simulations

5 Physically-based simulation: A survey of the modelling and rendering of the earth's atmosphere

Jaroslav Sloup

April 2002 **Proceedings of the 18th spring conference on Computer graphics**

Full text available:  pdf(323.18 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

One of the extensively researched fields in todays computer graphics are techniques for simulation and visualisation of various natural phenomena. This state of the art report is a survey of the methods for modelling and rendering of the cloudless Earth's atmosphere and related light effects. A physically based lighting model describing the light propagation through the atmosphere is presented. The model takes into account absorption and scattering by particles suspended in the atmosphere and ca ...

**Keywords:** atmospheric effects, light scattering, modelling of natural phenomena, photo-realistic image synthesis

6 A radar simulation program for a 1024-processor hypercube

J. L. Gustafson, R. E. Benner, M. P. Sears, T. D. Sullivan

August 1989 **Proceedings of the 1989 ACM/IEEE conference on Supercomputing**

Full text available:  pdf(1.34 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We have developed a fast parallel version of an existing synthetic aperture radar (SAR) simulation program, SRIM. On a 1024-processor NCUBE hypercube it runs an order of magnitude faster than on a CRAY X-MP or CRAY Y-MP processor. This speed advantage is coupled with an order of magnitude advantage in machine acquisition cost. SRIM is a somewhat large (30,000 lines of Fortran 77) program designed for uniprocessors; its restructuring for a hypercube provides new lessons in the task of alteri ...

7 Coincident display using haptics and holographic video

Wendy Plesniak, Ravikanth Pappu

January 1998 **Proceedings of the SIGCHI conference on Human factors in computing systems**

Full text available:  pdf(1.12 MB)


Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** autostereoscopic display, coincident display, electro-holography, haptics, holography, offset display

### 8 Adaptive block rearrangement

Sedat Akyürek, Kenneth Salem

May 1995 **ACM Transactions on Computer Systems (TOCS)**, Volume 13 Issue 2

Full text available:  pdf(2.27 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)


An adaptive technique for reducing disk seek times is described. The technique copies frequently referenced blocks from their original locations to reserved space near the middle of the disk. Reference frequencies need not be known in advance. Instead, they are estimated by monitoring the stream of arriving requests. Trace-driven simulations show that seek times can be cut substantially by copying only a small number of blocks using this technique. The technique has been implemented by modi ...

**Keywords:** data clustering, data replication, seek optimization

### 9 Ray tracing generalized cylinders

Willem F. Bronsvort, Fopke Klok

October 1985 **ACM Transactions on Graphics (TOG)**, Volume 4 Issue 4

Full text available:  pdf(1.21 MB)


Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

An algorithm is presented for ray tracing generalized cylinders, that is, objects defined by sweeping a two-dimensional contour along a three-dimensional trajectory. The contour can be any 'well-behaved' curve in the sense that it is continuous, and that the points where the tangent is horizontal or vertical can be determined, the trajectory can be any spline curve. First a definition is given of generalized cylinders in terms of the Frenet frame of the trajectory. Then the main problem in ...

### 10 Future directions in visual display systems

Ed Lantz

May 1997 **ACM SIGGRAPH Computer Graphics**, Volume 31 Issue 2

Full text available:  pdf(1.06 MB)


Additional Information: [full citation](#), [abstract](#), [index terms](#)


Visual displays have evolved in several parallel application areas including television, computer monitors, graphics monitors, portable displays, projection displays and most recently, immersive displays. Film, too, has matured as the highest resolution display medium available. One might mistakenly proclaim that today's visual displays produce an image quality which nearly matches that of our perception. The truth is that primitive cave petroglyphs viewed in fire-light far exceed the visual cap ...

### 11 Plenoptic modeling: an image-based rendering system

Leonard McMillan, Gary Bishop

September 1995 **Proceedings of the 22nd annual conference on Computer graphics and interactive techniques**

Full text available:  pdf(347.37 KB)

 ps(3.98 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

### 12 Scheduling algorithms for modern disk drives

Bruce L. Worthington, Gregory R. Ganger, Yale N. Patt

May 1994 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 1994 ACM SIGMETRICS conference on Measurement and modeling of computer systems**, Volume 22 Issue 1

Full text available:  pdf(1.01 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Disk subsystem performance can be dramatically improved by dynamically ordering, or scheduling, pending requests. Via strongly validated simulation, we examine the impact of complex logical-to-physical mappings and large prefetching caches on scheduling effectiveness. Using both synthetic workloads and traces captured from six different user environments, we arrive at three main conclusions: (1) Incorporating complex mapping information into the scheduler provides only a ma ...

### 13 High Performance Simulation of Internal Combustion Engines

Andreas Werner, Harald Echtle, Monika Wierse

November 1998 **Proceedings of the 1998 ACM/IEEE conference on Supercomputing (CDROM)**

Full text available:  html(32.18 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)


At the moment, the design process of piston engines is mainly characterized by building, testing and modifying prototypes. Computer simulation is used as a complimentary tool and in research, mainly because setting up, calculating and analyzing an ICE simulation currently has turnaround times of several weeks. All steps of the simulation, pre-processing, calculation and post-processing, had to be accelerated to create a usable tool for the industrial development process. Therefore, the EC Esprit ...

**Keywords:** CFD, HPC, VR, combustion, engine simulation, grid generation, parallel computing, simulation, visualization


### 14 A virtual environment and model of the eye for surgical simulation

Mark A. Sagar, David Bullivant, Gordon D. Mallinson, Peter J. Hunter

July 1994 **Proceedings of the 21st annual conference on Computer graphics and interactive techniques**

Full text available:  pdf(667.19 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

 ps(8.17 MB)

An anatomically detailed 3-D computer graphic model of the eye and surrounding face within a virtual environment has been implemented for use in a surgical simulator. The simulator forms part of a teleoperated micro-surgical robotic system being developed for eye surgery. The model has been designed to both visually and mechanically simulate features of the human eye by coupling computer graphic realism with finite element analysis. The paper gives an overview of the system with e ...

### 15 Computational Approaches to Image Understanding

Michael Brady

January 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 1

Full text available:  pdf(10.04 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

### 16 An efficient instantiation algorithm for simulating radiant energy transfer in plant models

Cyril Soler, François X. Sillion, Frédéric Blaise, Philippe Dereffye

April 2003 **ACM Transactions on Graphics (TOG)**, Volume 22 Issue 2

Full text available:  pdf(467.92 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We describe a complete lighting simulation system tailored for the difficult case of




vegetation scenes. Our algorithm is based on hierarchical instantiation for radiosity and precise phase function modeling. It allows efficient calculations both in terms of computation and memory resources. We provide an in-depth description and study of the instantiation-based radiosity technique and we address the problems related to generating and managing phase functions of plant structures, as needed by the ...

**Keywords:** Plant growth simulation, calibrated physiological simulation, instantiation, landscape simulation, lighting simulation, radiosity

### 17 A model for anisotropic reflection

Pierre Poulin, Alain Fournier

September 1990 **ACM SIGGRAPH Computer Graphics , Proceedings of the 17th annual conference on Computer graphics and interactive techniques**, Volume 24 Issue 4

Full text available:  pdf(3.24 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



### 18 Display of the earth taking into account atmospheric scattering

Tomoyuki Nishita, Takao Sirai, Katsumi Tadamura, Eihachiro Nakamae

September 1993 **Proceedings of the 20th annual conference on Computer graphics and interactive techniques**

Full text available:  pdf(404.55 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)




**Keywords:** atmospheric scattering, color of water, earth, optical length, photo-realism, radiative transfer, sky light

### 19 Predicting reflectance functions from complex surfaces

Stephen H. Westin, James R. Arvo, Kenneth E. Torrance

July 1992 **ACM SIGGRAPH Computer Graphics , Proceedings of the 19th annual conference on Computer graphics and interactive techniques**, Volume 26 Issue 2

Full text available:  pdf(8.26 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



**Keywords:** BRDF, Monte Carlo, anisotropic reflection, spherical harmonics

### 20 Gross motion planning—a survey

Yong K. Hwang, Narendra Ahuja

September 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 3

Full text available:  pdf(6.40 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)



Motion planning is one of the most important areas of robotics research. The complexity of the motion-planning problem has hindered the development of practical algorithms. This paper surveys the work on gross-motion planning, including motion planners for point robots, rigid robots, and manipulators in stationary, time-varying, constrained, and movable-object environments. The general issues in motion planning are explained. Recent approaches and their performances are briefly described, a ...

**Keywords:** collision detection, computational geometry, implementation, motion planning, obstacle avoidance, path planning, spatial representation

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

**IEEE Xplore®**  
 RELEASE 1.6

 Welcome  
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)
» [Se...](#)

## Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

## Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

## Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

## Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

 Your search matched **78** of **990987** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.
**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.


☐ Check to search within this result set
**Results Key:**
**JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard

**1 On calculating the degree of linear polarization: a Mueller matrix approach**
*Shute, M.W.; Brown, C.S.; Jarzynski, J.;*

Photonics Technology Letters, IEEE , Volume: 9 , Issue: 7 , July 1997

Pages:949 - 951

[\[Abstract\]](#)   [\[PDF Full-Text \(132 KB\)\]](#)   **IEEE JNL**
**2 Non-contact optical three dimensional liner metrology**
*Sebring, R.J.; Edwards, J.M.; Salazar, M.A.;*

Pulsed Power Plasma Science, 2001. IEEE Conference Record - Abstracts , 17 June 2001

Pages:414

[\[Abstract\]](#)   [\[PDF Full-Text \(58 KB\)\]](#)   **IEEE CNF**
**3 Observation of a spatial soliton in nematic liquid crystal confined in cylindrical geometry**
*Henninot, J.F.; Derrien, F.; Warenghem, M.; Abbate, G.;*

Optical Solitons (Ref. No. 1999/016), IEE Colloquium on , 4 Feb. 1999

Pages:3/1 - 3/5

[\[Abstract\]](#)   [\[PDF Full-Text \(364 KB\)\]](#)   **IEE CNF**
**4 Cylindrical unstable confocal oscillators for CW HF/DF lasers**
*Bullock, D.; Green, I.;*

Quantum Electronics, IEEE Journal of , Volume: 9 , Issue: 1 , Jan 1973

Pages:190 - 190

[\[Abstract\]](#)   [\[PDF Full-Text \(488 KB\)\]](#)   **IEEE JNL**

**5 Variation of longitudinal kerr and faraday effects with angle of incidence in thin iron films**

Judy, J.;

Magnetics, IEEE Transactions on , Volume: 6 , Issue: 3 , Sep 1970

Pages:563 - 569

[\[Abstract\]](#) [\[PDF Full-Text \(736 KB\)\]](#) IEEE JNL

**6 Transmission characteristics of long-period fiber gratings having arbitrary azimuthal/radial refractive index variations**

Anemogiannis, E.; Glytsis, E.N.; Gaylord, T.K.;

Lightwave Technology, Journal of , Volume: 21 , Issue: 1 , Jan. 2003

Pages:218 - 227

[\[Abstract\]](#) [\[PDF Full-Text \(867 KB\)\]](#) IEEE JNL

**7 Magnetic properties of submicron circular permalloy dots**

Gubbiotti, G.; Carlotti, G.; Nizzoli, F.; Zivieri, R.; Okuno, T.; Shinjo, T.;

Magnetics, IEEE Transactions on , Volume: 38 , Issue: 5 , Sept. 2002

Pages:2532 - 2534

[\[Abstract\]](#) [\[PDF Full-Text \(224 KB\)\]](#) IEEE JNL

**8 Discrete Bessel-based Arnoldi method for nonparaxial wave propagation**

Luo, Q.; Law, C.T.;

Photonics Technology Letters, IEEE , Volume: 14 , Issue: 1 , Jan. 2002

Pages:50 - 52

[\[Abstract\]](#) [\[PDF Full-Text \(97 KB\)\]](#) IEEE JNL

**9 Comprehensive modeling of vertical-cavity laser-diodes by the method of lines**

Conradi, O.; Helfert, S.; Pregla, R.;

Quantum Electronics, IEEE Journal of , Volume: 37 , Issue: 7 , July 2001

Pages:928 - 935

[\[Abstract\]](#) [\[PDF Full-Text \(212 KB\)\]](#) IEEE JNL

**10 Design of a 3-MW 140-GHz gyrotron with a coaxial cavity**

Read, M.E.; Nusinovich, G.S.; Dumbrajs, O.; Bird, G.; Hogge, J.P.; Kreischer, Blank, M.;

Plasma Science, IEEE Transactions on , Volume: 24 , Issue: 3 , June 1996

Pages:586 - 595

[\[Abstract\]](#) [\[PDF Full-Text \(1024 KB\)\]](#) IEEE JNL

**11 Effect of surface recombination velocity on the threshold current and differential quantum efficiency of the surface-emitting laser diode**

Ogura, M.; Hsieh, H.C.;

Quantum Electronics, IEEE Journal of , Volume: 32 , Issue: 4 , April 1996

Pages:597 - 606

[\[Abstract\]](#) [\[PDF Full-Text \(884 KB\)\]](#) IEEE JNL

---

**12 A method for analysis of RTCVD systems***Sorrell, F.Y.; Fordham, M.J.; Seungil Yu;*

Semiconductor Manufacturing, IEEE Transactions on , Volume: 8 , Issue: 3 , 1995

Pages:280 - 285

[\[Abstract\]](#) [\[PDF Full-Text \(584 KB\)\]](#) [IEEE JNL](#)

---

**13 The model of interaction between arc and AgMeO contact material:***Ming Sun; Qiping Wang; Lindmayer, M.;*

Components, Packaging, and Manufacturing Technology, Part A, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] , Volume: 17 , Issue: 3 , Sept. 1994

Pages:490 - 494

[\[Abstract\]](#) [\[PDF Full-Text \(392 KB\)\]](#) [IEEE JNL](#)

---

**14 Laser-generated elastic waves in carbon-epoxy composite***Corbel, C.; Guillois, F.; Royer, D.; Fink, M.A.; De Mol, R.;*

Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on , Volume: 40 , Issue: 6 , Nov. 1993

Pages:710 - 716

[\[Abstract\]](#) [\[PDF Full-Text \(656 KB\)\]](#) [IEEE JNL](#)

---

**15 The operation mechanism of a charge modulation device (CMD) in sensor***Matsumoto, K.; Takayanagi, I.; Nakamura, T.; Ohta, R.;*

Electron Devices, IEEE Transactions on , Volume: 38 , Issue: 5 , May 1991

Pages:989 - 998

[\[Abstract\]](#) [\[PDF Full-Text \(668 KB\)\]](#) [IEEE JNL](#)

---

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [Next](#)

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

Welcome to IEEE Xplore<sup>®</sup>

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

## Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

## Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

## Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Your search matched **78** of **990987** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.



☐ Check to search within this result set

**Results Key:**

**JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard

**1 On calculating the degree of linear polarization: a Mueller matrix approach**

*Shute, M.W.; Brown, C.S.; Jarzynski, J.;*  
 Photonics Technology Letters, IEEE , Volume: 9 , Issue: 7 , July 1997  
 Pages:949 - 951

[\[Abstract\]](#)   [\[PDF Full-Text \(132 KB\)\]](#)   **IEEE JNL**

**2 Non-contact optical three dimensional liner metrology**

*Sebring, R.J.; Edwards, J.M.; Salazar, M.A.;*  
 Pulsed Power Plasma Science, 2001. IEEE Conference Record - Abstracts , 17 June 2001  
 Pages:414

[\[Abstract\]](#)   [\[PDF Full-Text \(58 KB\)\]](#)   **IEEE CNF**

**3 Observation of a spatial soliton in nematic liquid crystal confined in cylindrical geometry**

*Henninot, J.F.; Derrien, F.; Warenghem, M.; Abbate, G.;*  
 Optical Solitons (Ref. No. 1999/016), IEE Colloquium on , 4 Feb. 1999  
 Pages:3/1 - 3/5

[\[Abstract\]](#)   [\[PDF Full-Text \(364 KB\)\]](#)   **IEE CNF**

**4 Cylindrical unstable confocal oscillators for CW HF/DF lasers**

*Bullock, D.; Green, I.;*  
 Quantum Electronics, IEEE Journal of , Volume: 9 , Issue: 1 , Jan 1973  
 Pages:190 - 190

[\[Abstract\]](#)   [\[PDF Full-Text \(488 KB\)\]](#)   **IEEE JNL**

**5 Variation of longitudinal kerr and faraday effects with angle of incidence in thin iron films**

Judy, J.;

Magnetics, IEEE Transactions on , Volume: 6 , Issue: 3 , Sep 1970

Pages:563 - 569

[\[Abstract\]](#) [\[PDF Full-Text \(736 KB\)\]](#) IEEE JNL

---

**6 Transmission characteristics of long-period fiber gratings having arbitrary azimuthal/radial refractive index variations**

Anemogiannis, E.; Glytsis, E.N.; Gaylord, T.K.;

Lightwave Technology, Journal of , Volume: 21 , Issue: 1 , Jan. 2003

Pages:218 - 227

[\[Abstract\]](#) [\[PDF Full-Text \(867 KB\)\]](#) IEEE JNL

---

**7 Magnetic properties of submicron circular permalloy dots**

Gubbiotti, G.; Carlotti, G.; Nizzoli, F.; Zivieri, R.; Okuno, T.; Shinjo, T.;

Magnetics, IEEE Transactions on , Volume: 38 , Issue: 5 , Sept. 2002

Pages:2532 - 2534

[\[Abstract\]](#) [\[PDF Full-Text \(224 KB\)\]](#) IEEE JNL

---

**8 Discrete Bessel-based Arnoldi method for nonparaxial wave propagation**

Luo, Q.; Law, C.T.;

Photonics Technology Letters, IEEE , Volume: 14 , Issue: 1 , Jan. 2002

Pages:50 - 52

[\[Abstract\]](#) [\[PDF Full-Text \(97 KB\)\]](#) IEEE JNL

---

**9 Comprehensive modeling of vertical-cavity laser-diodes by the method of lines**

Conradi, O.; Helfert, S.; Pregla, R.;

Quantum Electronics, IEEE Journal of , Volume: 37 , Issue: 7 , July 2001

Pages:928 - 935

[\[Abstract\]](#) [\[PDF Full-Text \(212 KB\)\]](#) IEEE JNL

---

**10 Design of a 3-MW 140-GHz gyrotron with a coaxial cavity**

Read, M.E.; Nusinovich, G.S.; Dumbrajs, O.; Bird, G.; Hogge, J.P.; Kreischer, Blank, M.;

Plasma Science, IEEE Transactions on , Volume: 24 , Issue: 3 , June 1996

Pages:586 - 595

[\[Abstract\]](#) [\[PDF Full-Text \(1024 KB\)\]](#) IEEE JNL

---

**11 Effect of surface recombination velocity on the threshold current and differential quantum efficiency of the surface-emitting laser diode**

Ogura, M.; Hsieh, H.C.;

Quantum Electronics, IEEE Journal of , Volume: 32 , Issue: 4 , April 1996

Pages:597 - 606

[\[Abstract\]](#) [\[PDF Full-Text \(884 KB\)\]](#) IEEE JNL

---

**12 A method for analysis of RTCVD systems***Sorrell, F.Y.; Fordham, M.J.; Seungil Yu;*

Semiconductor Manufacturing, IEEE Transactions on , Volume: 8 , Issue: 3 , , 1995

Pages:280 - 285

[\[Abstract\]](#) [\[PDF Full-Text \(584 KB\)\]](#) [IEEE JNL](#)

---

**13 The model of interaction between arc and AgMeO contact material:***Ming Sun; Qiping Wang; Lindmayer, M.;*

Components, Packaging, and Manufacturing Technology, Part A, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] , Volume: 17 , Issue: 3 , Sept. 1994

Pages:490 - 494

[\[Abstract\]](#) [\[PDF Full-Text \(392 KB\)\]](#) [IEEE JNL](#)

---

**14 Laser-generated elastic waves in carbon-epoxy composite***Corbel, C.; Guillois, F.; Royer, D.; Fink, M.A.; De Mol, R.;*

Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on , Volume: 40 , Issue: 6 , Nov. 1993

Pages:710 - 716

[\[Abstract\]](#) [\[PDF Full-Text \(656 KB\)\]](#) [IEEE JNL](#)

---

**15 The operation mechanism of a charge modulation device (CMD) in sensor***Matsumoto, K.; Takayanagi, I.; Nakamura, T.; Ohta, R.;*

Electron Devices, IEEE Transactions on , Volume: 38 , Issue: 5 , May 1991

Pages:989 - 998

[\[Abstract\]](#) [\[PDF Full-Text \(668 KB\)\]](#) [IEEE JNL](#)

---

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [Next](#)

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved